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EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEE                   RRR               RRR   FFF
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EEEEEEEEEEEEEEEE     RRR               RRR   FFF
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EEEEEEEEEEEEEEEE     RRR               RRR   FFF

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[illegible]

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LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
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LL          II             SS
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LLLLLLLLLLLL IIIIII          SSSSSSSS

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[illegible]

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PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	121	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	45	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	108	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
3 EMB	512	PIC OVR REL GBL SHR NOEXE RD WRT LONG
Total Space Allocated	786	

ENTRY POINTS

Address	Type	Name
0-00000000		DHEAD1

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000008a	CHAR	DEVICE_TYPE	3-0000001C	L*1	EMBSB_DV_CLASS
3-00000010	L*1	EMBSB_DV_ERTCNT	3-00000011	L*1	EMBSB_DV_ERTMAX
3-0000003E	L*1	EMBSB_DV_NAMLNG	3-0000003A	L*1	EMBSB_DV_SLAVE
3-0000001D	L*1	EMBSB_DV_TYPE	3-00000036	I*4	EMBSL_DV_CHAR
3-00000012	I*4	EMBSL_DV_IOSB1	3-00000016	I*4	EMBSL_DV_IOSB2
3-00000026	I*4	EMBSL_DV_MEDIA	3-0000004E	I*4	EMBSL_DV_NUMREG
3-0000002E	I*4	EMBSL_DV_OPCNT	3-00000032	I*4	EMBSL_DV_OWNUIC
3-0000001E	I*4	EMBSL_DV_RQPID	3-00000000	I*4	EMBSL_HD_SID
3-0000003F	CHAR	EMBST_DV_NAME	3-00000024	I*2	EMBSW_DV_BCNT
3-00000022	I*2	EMBSW_DV_BOFF	3-0000002C	I*2	EMBSW_DV_ERRCNT
3-0000003C	I*2	EMBSW_DV_FUNC	3-0000001A	I*2	EMBSW_DV_STS
3-0000002A	I*2	EMBSW_DV_UNIT	3-00000004	I*2	EMBSW_HD_ENTRY
3-0000000E	I*2	EMBSW_HD_ERRSEQ	AP-00000004a	L*1	LUN

ARRAYS

Address	Type	Name	Bytes	Dimensions
3-00000000	L*1	EMB	512	(0:511)
3-00000052	I*4	EMBSL-DV-REGSAV	420	(0:104)
3-00000006	I*4	EMBSQ-HD-TIME	8	(2)

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name
	DHEAD2		HEADER		LOGGER

DQD

[illegible]

DQD


```

0116      1 .and.
0117      1 last_emb$t_vm_label_length .gt. 1
0118      1 ) then
0119
0120 10      continue
0121
0122      call linchk (lun,2)
0123
0124      write(lun,15) device_type,emb$b_zz_namlng),
0125      1 emb$w_zz_unit,', CURRENT LABEL ',
0126      1 last_emb$t_vm_label(1:last_emb$t_vm_label_length),'''
0127 15      format(/' ',a,'-SUB-SYSTEM, ONIT ',a2emb$b_zz_namlng>,
0128      1 i<compress4 (lib$extzv(0,16,emb$w_zz_unit))>',' ',3(:a))
0129
0130      return
0131      endif
0132
0133 20      continue
0134
0135      call linchk (lun,2)
0136
0137      write(lun,15) device_type,emb$b_zz_namlng),
0138      1 emb$w_zz_unit
0139
0140      return
0141
0142
0143
0144      entry dhead3 (lun,device_type,emb$b_zz_namlng,emb$t_zz_name,
0145      1 emb$w_zz_unit,caller_mount_flag_and_label)
0146
0147
0148
0149      last_emb$t_vm_label_valid = .false.
0150
0151      if (caller_mount_flag_and_label .eq. -1) goto 20
0152
0153      call movc3 (%val(12),%val(caller_mount_flag_and_label),
0154      1 %ref(last_emb$t_vm_label))
0155
0156      if (.not. str$trim (last_emb$t_vm_label,last_emb$t_vm_label,
0157      1 last_emb$t_vm_label_length)) then
0158
0159      last_emb$t_vm_label_length = 12
0160      endif
0161
0162      last_emb$t_vm_label_valid = .true.
0163
0164      goto 10
0165
0166      end

```

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	449	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	83	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	180	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
3 EMB	512	PIC OVR REL GBL SHR NOEXE RD WRT LONG
Total Space Allocated	1224	

ENTRY POINTS

Address	Type	Name	Address	Type	Name
0-00000000		DHEAD2	0-0000012B		DHEAD3

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000018a	I*4	CALLER MOUNT FLAG_AND_LABEL	AP-00000008a	CHAR	DEVICE_TYPE
2-00000014a	L*1	EMB\$B_ZZ_NAME[NG	3-00000000	I*4	EMB\$B_RD_SID
AP-00000010a	CHAR	EMB\$T_ZZ_NAME	3-00000004	I*2	EMB\$W_HD_ENTRY
3-0000000E	I*2	EMB\$W_HD_ERRSEQ	2-00000018a	I*2	EMB\$W_ZZ_UNIT
2-00000000	CHAR	LAST_EMB\$T_VM_LABEL	2-00000010	I*4	LAST_EMB\$T_VM_LABEL_LENGTH
2-0000000C	L*1	LAST_EMB\$T_VM_LABEL_VALID	AP-00000004a	L*1	LUN

ARRAYS

Address	Type	Name	Bytes	Dimensions
3-00000000	L*1	EMB	512	(0:511)
3-00000006	I*4	EMBSQ_HD_TIME	8	(2)

LABELS

Address	Label	Address	Label	Address	Label	Address	Label
0-0000004A	5	0-00000062	10	1-00000022	15'	0-000000DA	20

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name
I*4	COMPRESS4		GET_CURRENT_LABEL	I*4	LIB\$EXTZV
	LINCHK	MOV3		L*1	STR\$TRIM

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5-sep-1984 13:52:25

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FORTRAN /LIS=LISS:DHEADS/OBJ=OBJ\$:DHEADS MSRC\$:DHEADS

```

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
/DEBUG=(NOSYMBOLS,TRACEBACK)
/STANDARD=(NOSYNTAX,NOSOURCE_FORM)
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
/F77 /NOG_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE /NOMACHINE_CODE /CONTINUATIONS=19

```

```
Run Time:          2.96 seconds
Elapsed Time:      9.20 seconds
Page Faults:       132
Dynamic Memory:    175 pages
```

2

0147

AH-BT13A-SE
VAX/VMS V4.0

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